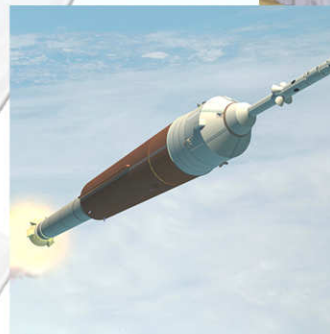




**ASRC AEROSPACE
CORPORATION**

*NASA Small Business Symposium
and Awards Ceremony*



Arctic Slope Regional Corporation



ASRC IS...

- Alaska Native Corporation
- Owned by 9,500 Inupiat Eskimos
- ASRC Aerospace is a subsidiary company
- **#1 Company in Alaska - Wholly Owned by Alaskans**

ASRC Aerospace

ASRC Aerospace currently holds contracts with:

- NASA KSC/GRC/ARC
- DOD in New Mexico and Colorado

ASRC Aerospace's core competencies consist of:

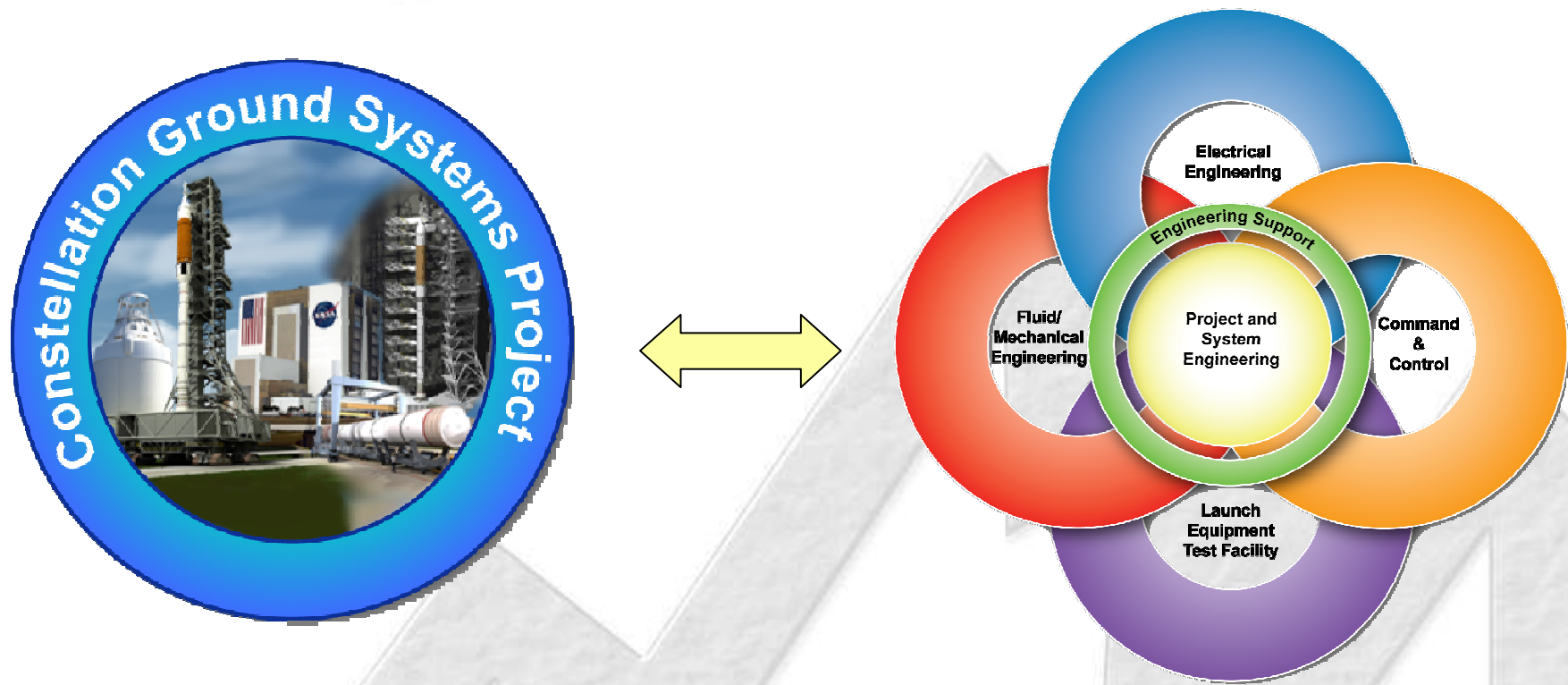
- Systems Engineering and Operations
- Information Management
- Hardware Maintenance and Operations
- Software Engineering
- Spaceport and Range Research and Technology
- Design of Ground Systems for Human Space Flight

Kennedy Space Center USTDC Overview

- The University-Affiliated Spaceport Technology Development Contract (USTDC) is a performance-based task order contract
- USTDC Scope
 - Applied research and technology development (70+ New Technology Reports)
 - Design engineering
 - Operation and maintenance of facilities, laboratories, and equipment
 - Technical support services
- Period of Performance
 - Base period: 03/01/03 through 9/30/07
 - Option 1: 10/01/07 through 9/30/10
 - Option 2: 10/01/10 through 9/30/12

USTDC OVERVIEW

KSC Engineering Support for Constellation Project



SENSITIVE BUT UNCLASSIFIED

Lunar Surface Operations Technology Development

In Situ Resource Utilization (ISRU) plants
– make fuel, oxygen from soil and/or atmosphere

Surface Cryo Fluid Management

Electrostatics dust removal to protect suit joints and bearings

Excavation end effectors to mine soil



Automated umbilicals to help with fueling

Berm and sintered launch pad to reduce cratering and blown dust damage

Laboratories and Test Beds Supporting NASA Programs and Technology Development Projects

Applied Chemistry

Corrosion Testbed

Cryogenics Testbed

Range Technologies

Advanced Electronics Development Lab

Advanced Network Development Lab

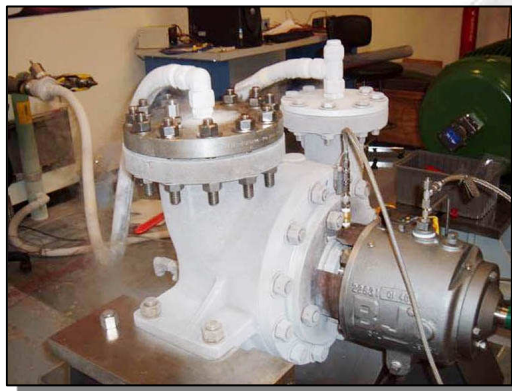
Comm and Data Engineering Lab

Experimental Imaging Lab

Fiber Optics Lab

Instrumentation Systems Development Lab

Mechanical, Structural, Controls Lab



SENSITIVE BUT UNCLASSIFIED

Significant ASRC Aerospace Recognition

- 2006 Florida Space Business Award
- 2007 George M. Low Award
- 2008 KSC Small Business Prime Contractor of the Year Award



SENSITIVE BUT UNCLASSIFIED